

HARNESS
DICKEY

04-06-06
09/871,592.

G. Gregory Schivley
schivley@hdp.com

C of C

April 5, 2006

Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

Certificate
APR 10 2006
of Correction

Re: Atty Docket No. 9319A-000221
U.S. Patent No. 6,830,633 B2 – Issued: December 14, 2004
Title: MAGNETIC MATERIAL MANUFACTURING METHOD,
RIBBON-SHAPED MAGNETIC MATERIALS, POWDERED
MAGNET MATERIALS AND BONDED MAGNETS
Inventors: Akira ARAI and Hiroshi KATO

Sir:

We have reviewed the above-indicated patent and have found several errors which appear to require a Certificate of Correction.

Enclosed herewith is an original and a copy of the Patent and Trademark Office Certificate of Correction form, consisting of four pages, which we request be approved for the above-indicated patent.

Please charge \$100.00 to Epson R&D Deposit Account No. 50-3213 and any further fees which may be due. A duplicate copy of this sheet is enclosed.

04/07/2006 WABDELRI 00000037 503213 6830633
01 FC:1811 100.00 DA

EV 853 855 992 US

Respectfully submitted

By: Jason A. Heist, Reg. No. 51,797
Patent Agent
For: G. Gregory Schivley, Reg. No. 27,382
HARNESS, DICKEY & PIERCE, P.L.C.
Attorneys for Patentee

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, Virginia 22213-1450 on April 5, 2006.

By: Jason A. Heist

c: EPS-18-US

Harness, Dickey & Pierce, P.L.C. Attorneys and Counselors

Metropolitan: Detroit, MI St. Louis, MO Washington, DC

5445 Corporate Drive, Suite 400, Troy, MI 48098

Phone 248.641.1600

Fax 248.641.0270

www.hdp.com

APR 11 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO: 6,830,633 B2

DATED: December 14, 2004

INVENTORS: Akira ARAI and Hiroshi KATO

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Title Page, Inventor: "Shinosuwa-machi (JP)" should be -- Shimosuwa-machi (JP) --

Column 2, Line 29: "100-x-y" should be -- 100-x-z --

Column 4, Line 8: "provided" should be -- provide --

Column 4, Line 47: "Is" should be -- is --

Column 4, Line 58: "Other" should be -- Another --

Column 6, Line 35: "Is" should be -- is --

Column 6, Line 47: "Other" should be -- another --

Column 7, Line 47: "Is" should be -- is --

Column 8, Line 39: "It" should be -- it --

MAILING ADDRESS OF SENDER: G. Gregory Schivley
Harness, Dickey & Pierce PLC
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 6,830,633 B2

No. of additional copies

 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO: 6,830,633 B2

DATED: December 14, 2004

INVENTORS: Akira ARAI and Hiroshi KATO

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 9, Line 53: "eleçroless" should be -- electroless --
Column 10, Line 22: Delete "of"
Column 11, Line 2: "In" should be -- in --
Column 13, Line 2: "CO_y" should be -- Co_y --
Column 16, Line 4: After "the" insert -- melt --
Column 19, Line 66: "K/m" should be -- KA/m --
Column 20, Line 10: "It" should be -- it --
Column 23, Line 6: Delete "to"
Column 23, Line 30: "conductive" should be -- conductively --

MAILING ADDRESS OF SENDER: G. Gregory Schivley
Harness, Dickey & Pierce PLC
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 6,830,633 B2

No. of additional copies

 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 11 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO: 6,830,633 B2

DATED: December 14, 2004

INVENTORS: Akira ARAI and Hiroshi KATO

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 23, Line 43: "W•m⁻¹K⁻¹" should be -- W•m⁻¹•K⁻¹ --

Column 23, Line 65: After "melt" insert -- spun --

Column 30, Line 65: "4ato" should be -- 4a to --

Column 31, Line 4: "It" should be -- it --

Table 6, Line 30: "86" should be -- 63 --

Table 6, Line 31: "Compositlon" should be -- Composition --


Table 7, Line 58: "(kJ/m₃" should be -- (kJ/m³) --

Table 7, Line 60: "(kJ/m₃" should be -- (kJ/m³) --

MAILING ADDRESS OF SENDER: G. Gregory Schivley
Harness, Dickey & Pierce PLC
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 6,830,633 B2

No. of additional copies

 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commisssloner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO: 6,830,633 B2

DATED: December 14, 2004

INVENTORS: Akira ARAI and Hiroshi KATO

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Table 8, Line 31: "CO_{0.15}" should be -- Co_{0.15} --

Table 12, Line 8: "28" should be -- 26 --

Column 43, Line 53: "redges" should be -- ridges --

Column 43, Line 57: After "for" insert -- preventing the molten alloy from entering the grooves and, each ridge including a plurality of --

Column 45, Line 5: "CO_y" should be -- Co_y --


Column 45, Line 6: "if" should be -- is --

Column 45, Line 12: "redges" should be -- ridges --

MAILING ADDRESS OF SENDER: G. Gregory Schivley
Harness, Dickey & Pierce PLC
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 6,830,633 B2

No. of additional copies

 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 11 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO: 6,830,633 B2

DATED: December 14, 2004

INVENTORS: Akira ARAI and Hiroshi KATO

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Title Page, Inventor:	"Shinosuwa-machi (JP)" should be -- Shimosuwa-machi (JP) --
Column 2, Line 29:	"100-x-y" should be -- 100-x-z --
Column 4, Line 8:	"provided" should be -- provide --
Column 4, Line 47:	"Is" should be -- is --
Column 4, Line 58:	"Other" should be -- Another --
Column 6, Line 35:	"Is" should be -- is --
Column 6, Line 47:	"Other" should be -- another --
Column 7, Line 47:	"Is" should be -- is --
Column 8, Line 39:	"It" should be -- it --

MAILING ADDRESS OF SENDER: G. Gregory Schivley
Harness, Dickey & Pierce PLC
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 6,830,633 B2

No. of additional copies

 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO: 6,830,633 B2

DATED: December 14, 2004

INVENTORS: Akira ARAI and Hiroshi KATO

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 9, Line 53: "eleçroless" should be -- electroless --
Column 10, Line 22: Delete "of"
Column 11, Line 2: "In" should be -- in --
Column 13, Line 2: "CO_y" should be -- Co_y --
Column 16, Line 4: After "the" insert -- melt --
Column 19, Line 66: "K/m" should be -- KA/m --
Column 20, Line 10: "It" should be -- it --
Column 23, Line 6: Delete "to"
Column 23, Line 30: "conductive" should be -- conductively --

MAILING ADDRESS OF SENDER: G. Gregory Schivley
Harness, Dickey & Pierce PLC
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 6,830,633 B2

No. of additional copies

➡ 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 11 2008

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO: 6,830,633 B2

DATED: December 14, 2004

INVENTORS: Akira ARAI and Hiroshi KATO

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 23, Line 43: "W•m⁻¹K⁻¹" should be -- W•m⁻¹•K⁻¹ --
Column 23, Line 65: After "melt" insert -- spun --
Column 30, Line 65: "4ato" should be -- 4a to --
Column 31, Line 4: "It" should be -- it --
Table 6, Line 30: "86" should be -- 63 --
Table 6, Line 31: "Composition" should be -- Composition --
Table 7, Line 58: "(kJ/m₃)" should be -- (kJ/m³) --
Table 7, Line 60: "(kJ/m₃)" should be -- (kJ/m³) --

MAILING ADDRESS OF SENDER: G. Gregory Schivley
Harness, Dickey & Pierce PLC
P.O. Box 328
Bloomfield Hills, MI 48303

PATENT NO. 6,830,633 B2

No. of additional copies

➡ 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 11 2006

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO: 6,830,633 B2

DATED: December 14, 2004

INVENTORS: Akira ARAI and Hiroshi KATO

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Table 8, Line 31: "CO_{0.15}" should be -- Co_{0.15} --

Table 12, Line 8: "28" should be -- 26 --

Column 43, Line 53: "redges" should be -- ridges --

Column 43, Line 57: After "for" insert -- preventing the molten alloy from entering the grooves and, each ridge including a plurality of --

Column 45, Line 5: "CO_y" should be -- Co_y --


Column 45, Line 6: "if" should be -- is --

Column 45, Line 12: "redges" should be -- ridges --

MAILING ADDRESS OF SENDER: G. Gregory Schivley
Harness, Dickey & Pierce PLC
P.O. Box 828
Bloomfield Hills, MI 48303

PATENT NO. 6,830,633 B2

No. of additional copies

 1

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 11 2008